

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0509859

Insp Area: 4

Thos Bros: 277A3

Site Address: 3801 AIRPORT RD SAC

Parcel No: 225-0150-032

Sub-Type: AOTHR

Housing (Y/N): N

CONTRACTOR
TEETERS ELECTRIC
P O BOX 0256
ROSEVILLE CA 95678

OWNER
SACRAMENTO AERO SERVICES INC
7025 LONGLEY LN
RENO, NV 89511

ARCHITECT

Nature of Work: NEW SCID & ELEC SERVICE.

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C10 License Number 702478 Date 7/7/05 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is true and correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the above-mentioned property for inspection purposes.

Date 7/7/05 Applicant/Agent Signature [Signature]

PAID
CITY OF SACRAMENTO
JUN 06 2005
NEIGHBORHOODS PLANNING
AND DEVELOPMENT SERVICES

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier NO EMPLOYEES Policy Number _____ Exp Date _____

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 7/7/05 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
 PLANNING & BUILDING DIVISION
 PERMIT SERVICES SECTION
 (916) 808-2534 FAX: (916) 808-7046

ACTIVITY # 0509859	Insp. Area
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Applicant **MUST** complete **ALL** Unshaded Areas

ADDRESS: 3801 AIRPORT RD NATOMAS Suite: _____
 (APEN)
 PARCEL #: 225-0150-032

<p style="text-align: center;">CONTACT</p> Name: <u>JAMES TESTERS</u> Street Address: <u>10849 BACCHINE RD</u> City/State/Zip: <u>ELVERTA CA.</u> Phone: <u>(916) 655 3555</u> E-Mail: <u>JTESTER@AOL.COM</u>	<p style="text-align: center;">LICENSED CONTRACTOR Lic No. #</p> Name: <u>TESTERS ELECTRIC INC</u> Street Address: <u>10849 BACCHINE RD</u> City/State/Zip: <u>ELVERTA CA.</u> Phone: <u>(916) 655 3555</u> E-Mail: <u>JTESTER@AOL.COM</u>
<p style="text-align: center;">ARCHITECT/ENGINEER</p> Name: <u>RON HILL KLEINFELDER</u> Street Address: _____ City/State/Zip: _____ Phone: _____ E-Mail: _____	<p style="text-align: center;">OWNER</p> Name: <u>BEAZER HOMES</u> Street Address: _____ City/State/Zip: _____ Phone: _____ E-Mail: _____

⇒ Will permittee have any employees on the jobsite? No Yes ⇒ Insurance Co.: Zurich

⇒ WORKER'S COMPANSATION POLICY # _____ EXPROATION DATE: _____

NATURE OF WORK IN DETAIL: REPAIR WORK FROM VP TO THE POWER
ADDED TO THE POWER Temp power

OCCUPANT/TENANT: _____ VALUATION: _____

FLOOD STATUS:			S.C.A.T.							
JOB DISCIPTION	BLDG	SHELL	APT	TI ()	REM ()	SW	FIRE	ADD	OTH	
INSPECTION DISCIPLINES			BLDG	MECH	PLUMB	ELEC		SITE	FIRE	
# Stories	1 st Flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y / N		Fed Code	Vio. [H]	File [Quad]
						SPR	ALARM			
B	L	P	M	E	F	S		D	PW	UTIL

COMMENTS: _____

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT: Yes No
 WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? Provided Faxed

CD 57325897
 James Wospis 732 5787
 SMUD Commercial 732 7073
 SMUD Commercial Service (877) 622 7157
 732 5700

Subj: **RE: Electrical Package for Natomas Job**
 Date: 7/1/2005 3:06:02 PM Pacific Daylight Time
 From: djenkins@kleinfelder.com
 To: jdttei@aol.com
 CC: RHill@kleinfelder.com

Mr. Teeters, we have realized that we neglected to include the APRN number for the parcel on our design plates, that number is 225-0150-032. Can you please see that the building department gets this information. Just had writing it on the drawings would be OK with us. Thank you.

Dave

-----Original Message-----

From: Dave Jenkins [mailto:djenkins@kleinfelder.com]
Sent: Thursday, June 30, 2005 4:04 PM
To: 'jdtttei@aol.com'
Cc: 'Ron Hill'
Subject: Electrical Package for Natomas Job

Mr. Teeters,

At the request of Ron Hill I am providing drawings we understand you need to permit/install our electrical service at Natomas Air Park. Please email or call me at 366-1701 if you have any questions or need more info. Thank you.

Dave Jenkins, PE
 Principal Engineer
 Kleinfelder, Inc.

KLEINFELDER
 EXPECT MORE

Warning: Information provided via electronic media is not guaranteed against defects including translation and transmission errors.

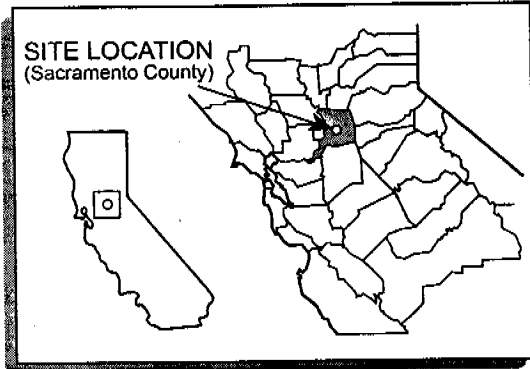
mozko

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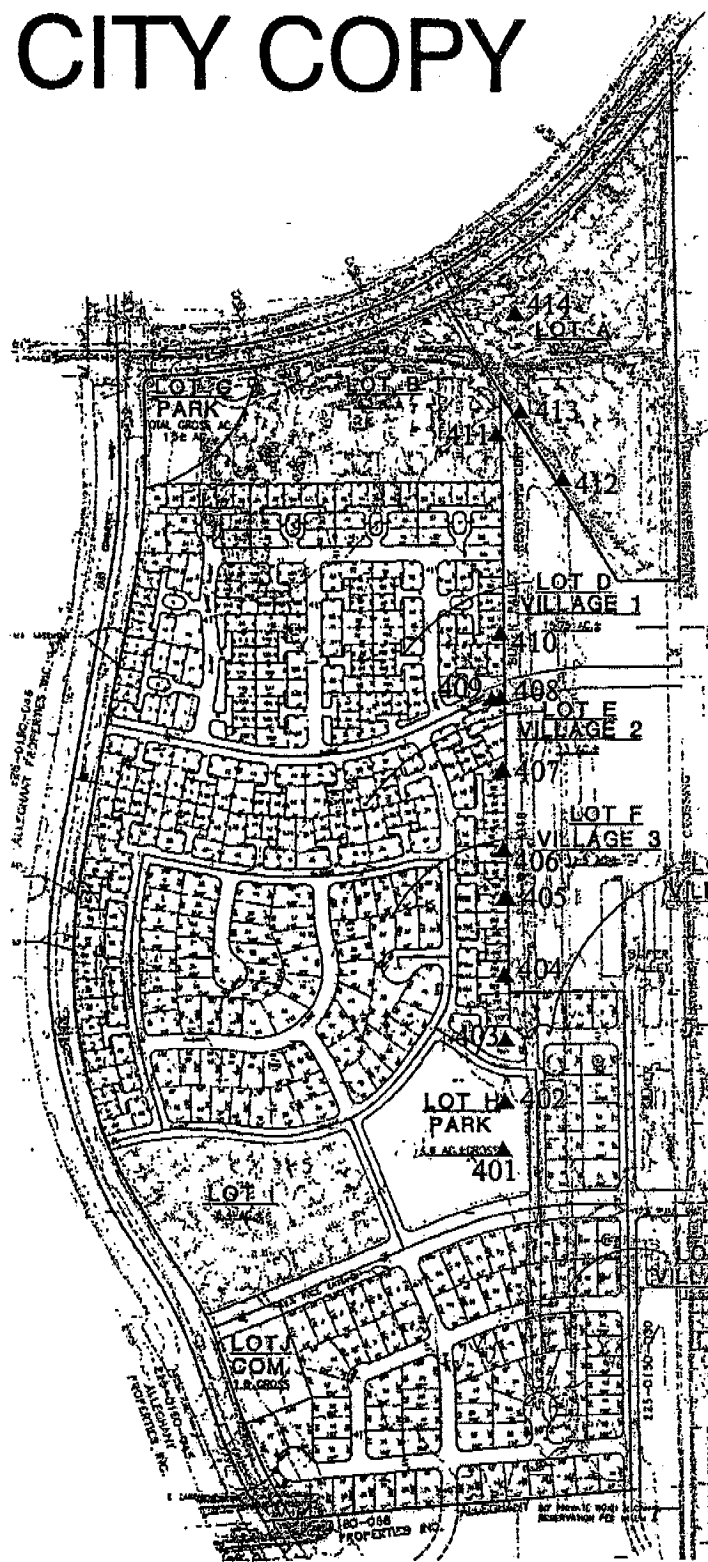
PC#
0507859

CITY COPY

3801 Airport Rd



CITY COPY



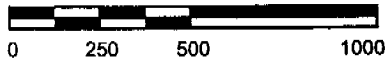
Legend:

▲ - Approximate soil sample location

APPROVED PER 1999
 NATIONAL ELECTRICAL CODE
 AND CITY OF SACRAMENTO
 AMENDMENTS

YKH *7/06/05*
 ELECTRICAL DIVISION

APPROXIMATE SCALE: 1-inch = 500-feet



Adapted from a drawing provided by: WALLACE-KUHL & ASSOCIATES, INC. 3/04



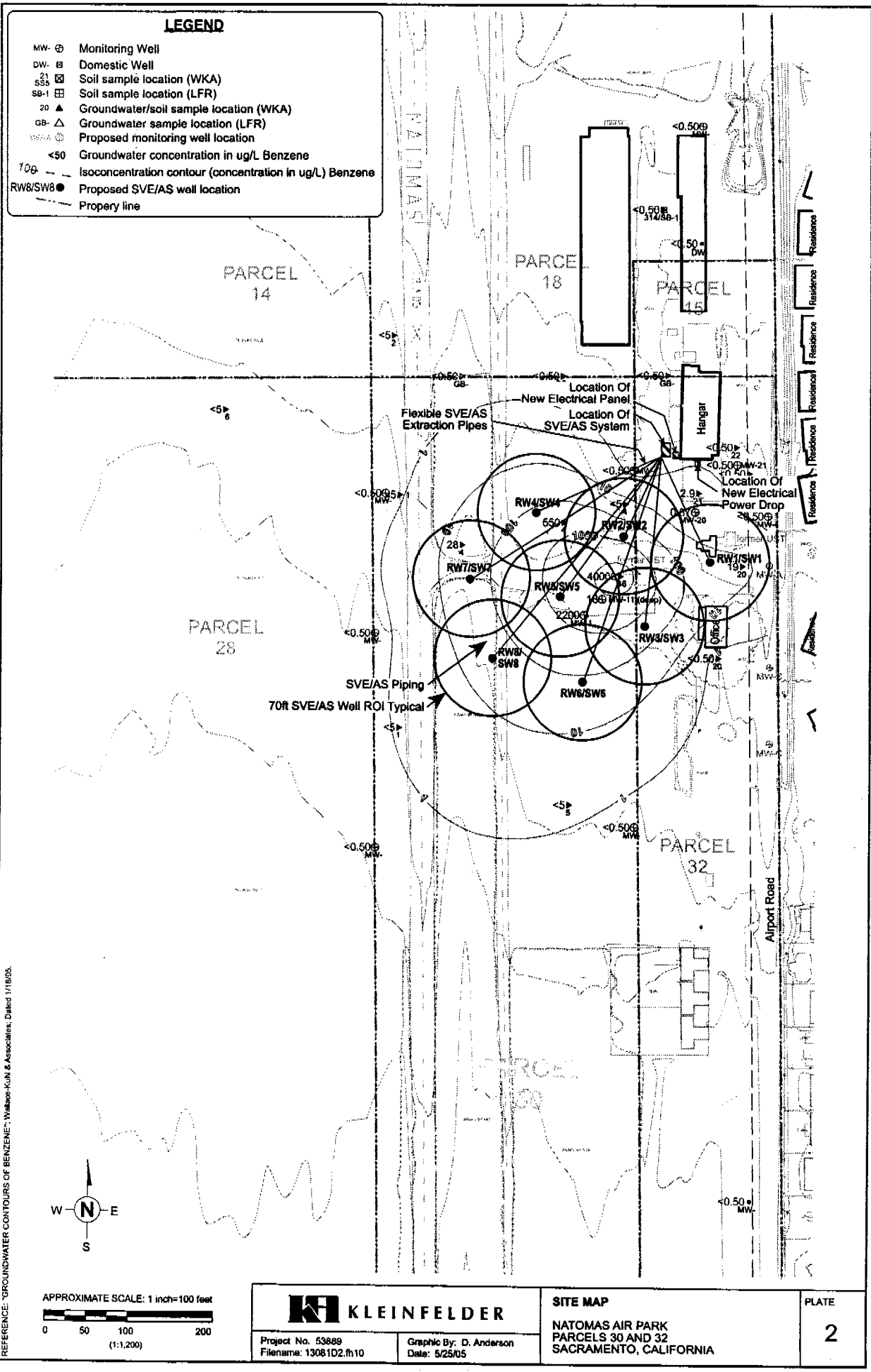
SITE PLAN
 BEAZER PARCEL 30 SITE
 SACRAMENTO, CALIFORNIA

PLATE

1

Drawn By: D. Shelhart
 Project No. 53889-2

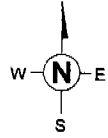
Date: 2-10-2005
 Filename: 3081a.fh10



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 REFERENCE: "GROUNDWATER CONTOURS OF BENZENE", Wallace-Kuh & Associates, Dated 1/18/05.

LEGEND

- MW-⊙ Monitoring Well
- DW-□ Domestic Well
- SS-⊠ Soil sample location (WKA)
- SB-1-⊠ Soil sample location (LFR)
- 20-▲ Groundwater/soil sample location (WKA)
- GB-▲ Groundwater sample location (LFR)
- MW8A-⊙ Proposed monitoring well location
- <50- Isoconcentration contour (concentration in ug/L) Benzene
- 100- Isoconcentration contour (concentration in ug/L) Benzene
- RW8/SW8-● Proposed SVE/AS well location
- - - Property line






APPROXIMATE SCALE: 1 inch=100 feet
 0 50 100 200
 (1:1,200)

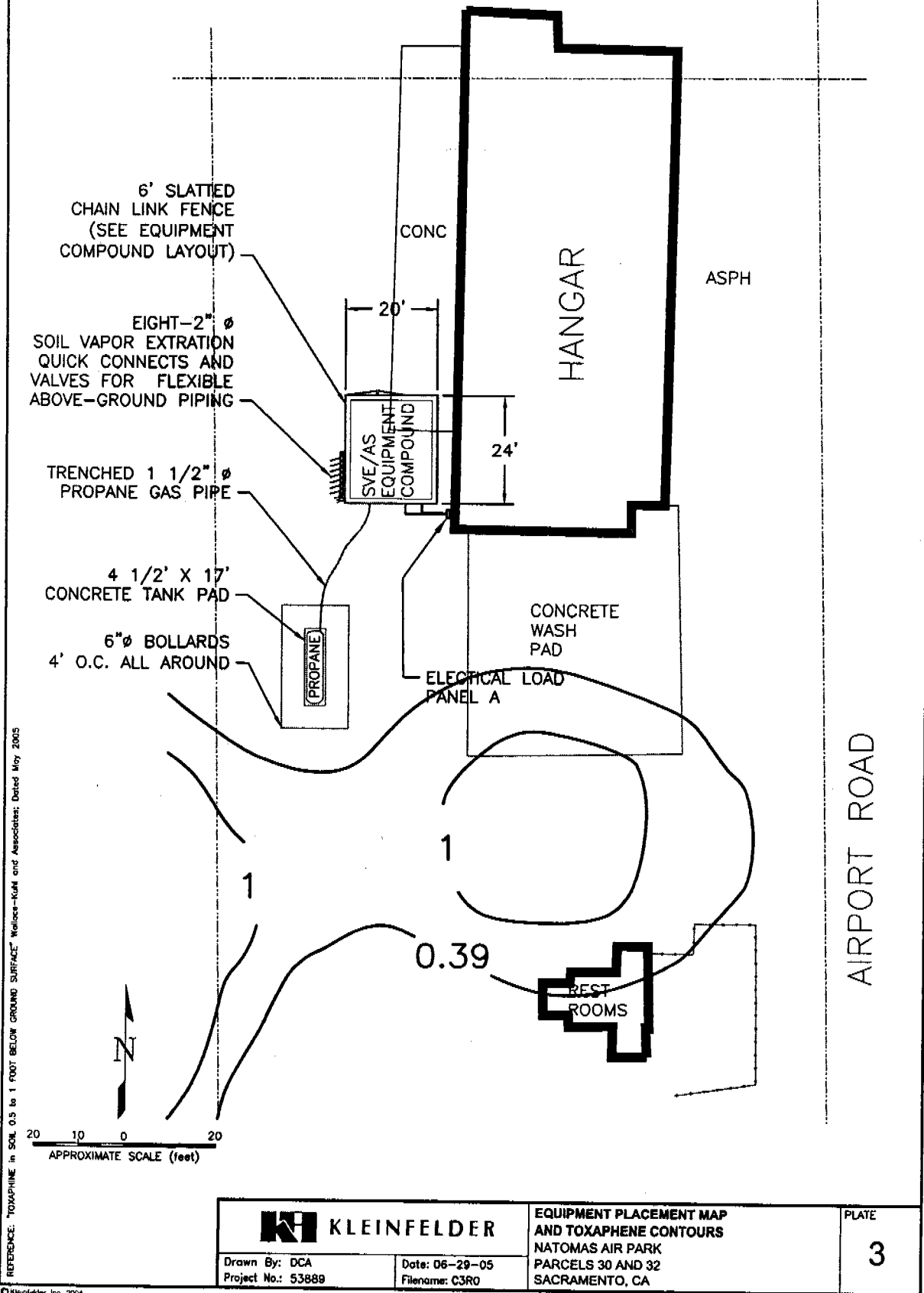
Project No. 53889 Filename: 13081D2.m10	Graphic By: D. Anderson Date: 5/25/05

SITE MAP
 NATOMAS AIR PARK
 PARCELS 30 AND 32
 SACRAMENTO, CALIFORNIA

PLATE
2

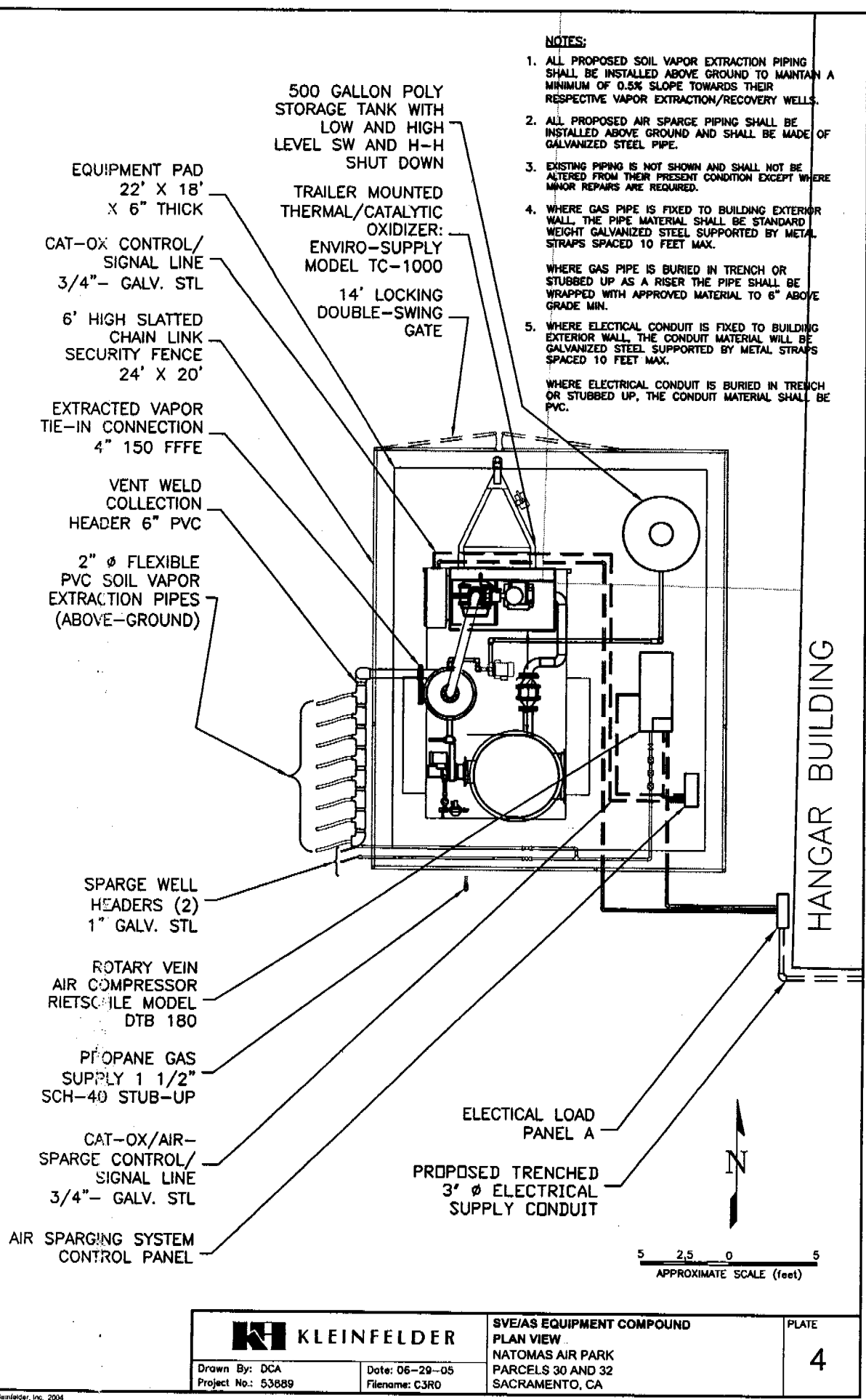
LEGEND

-  0.39 ISO-CONTOUR OF TOXAPHENE
-  PROPERTY LINE
-  FENCE LINE



REFERENCE: "TOXAPHENE IN SOIL, 0.5 to 1 FOOT BELOW GROUND SURFACE" Wallace-Kuhl and Associates, Dated May 2005
 © Kleinfelder, Inc. 2004

KI KLEINFELDER		EQUIPMENT PLACEMENT MAP AND TOXAPHENE CONTOURS NATOMAS AIR PARK PARCELS 30 AND 32 SACRAMENTO, CA	PLATE
Drawn By: DCA Project No.: 53889	Date: 06-29-05 Filename: C3R0		3



NOTES:

1. ALL PROPOSED SOIL VAPOR EXTRACTION PIPING SHALL BE INSTALLED ABOVE GROUND TO MAINTAIN A MINIMUM OF 0.5% SLOPE TOWARDS THEIR RESPECTIVE VAPOR EXTRACTION/RECOVERY WELLS.
2. ALL PROPOSED AIR SPARGE PIPING SHALL BE INSTALLED ABOVE GROUND AND SHALL BE MADE OF GALVANIZED STEEL PIPE.
3. EXISTING PIPING IS NOT SHOWN AND SHALL NOT BE ALTERED FROM THEIR PRESENT CONDITION EXCEPT WHERE MINOR REPAIRS ARE REQUIRED.
4. WHERE GAS PIPE IS FIXED TO BUILDING EXTERIOR WALL, THE PIPE MATERIAL SHALL BE STANDARD WEIGHT GALVANIZED STEEL SUPPORTED BY METAL STRAPS SPACED 10 FEET MAX.

WHERE GAS PIPE IS BURIED IN TRENCH OR STUBBED UP AS A RISER THE PIPE SHALL BE WRAPPED WITH APPROVED MATERIAL TO 6" ABOVE GRADE MIN.
5. WHERE ELECTRICAL CONDUIT IS FIXED TO BUILDING EXTERIOR WALL, THE CONDUIT MATERIAL WILL BE GALVANIZED STEEL SUPPORTED BY METAL STRAPS SPACED 10 FEET MAX.

WHERE ELECTRICAL CONDUIT IS BURIED IN TRENCH OR STUBBED UP, THE CONDUIT MATERIAL SHALL BE PVC.

500 GALLON POLY STORAGE TANK WITH LOW AND HIGH LEVEL SW AND H-H SHUT DOWN

TRAILER MOUNTED THERMAL/CATALYTIC OXIDIZER: ENVIRO-SUPPLY MODEL TC-1000

14' LOCKING DOUBLE-SWING GATE

EQUIPMENT PAD 22' X 18' X 6" THICK

CAT-OX CONTROL/SIGNAL LINE 3/4"- GALV. STL

6' HIGH SLATTED CHAIN LINK SECURITY FENCE 24' X 20'

EXTRACTED VAPOR TIE-IN CONNECTION 4" 150 FFFE

VENT WELD COLLECTION HEADER 6" PVC

2" Ø FLEXIBLE PVC SOIL VAPOR EXTRACTION PIPES (ABOVE-GROUND)

SPARGE WELL HEADERS (2) 1" GALV. STL

ROTARY VEIN AIR COMPRESSOR RIETSCHELLE MODEL DTB 180

PROPANE GAS SUPPLY 1 1/2" SCH-40 STUB-UP

CAT-OX/AIR-SPARGE CONTROL/SIGNAL LINE 3/4"- GALV. STL

AIR SPARGING SYSTEM CONTROL PANEL

HANGAR BUILDING

ELECTICAL LOAD PANEL A

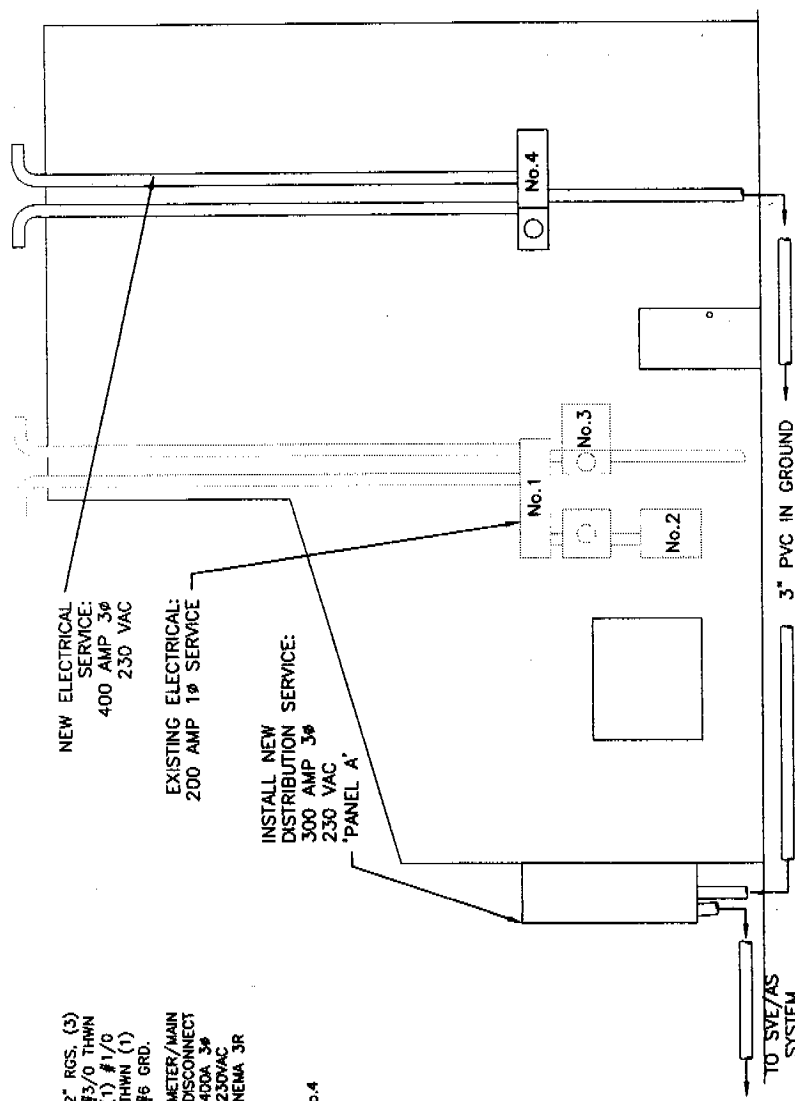
PROPOSED TRENCHED 3" Ø ELECTRICAL SUPPLY CONDUIT



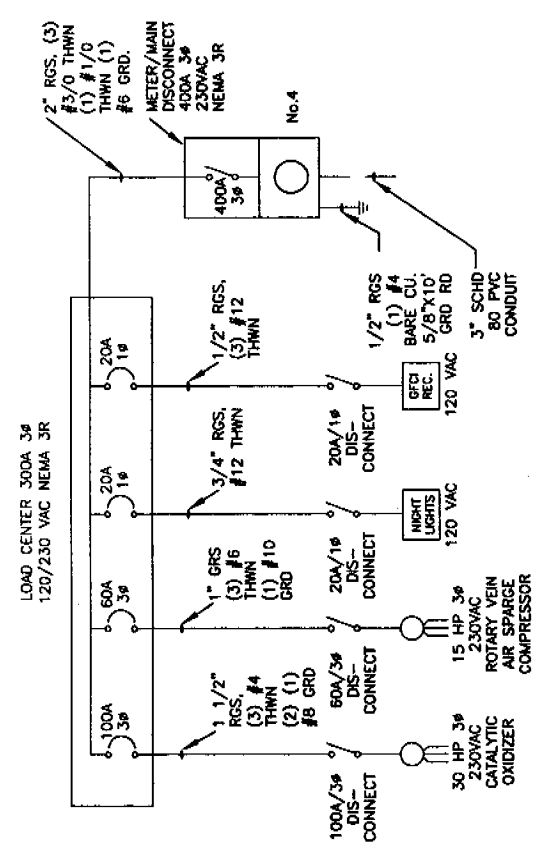
5 2.5 0 5
APPROXIMATE SCALE (feet)

KI KLEINFELDER		SVE/AS EQUIPMENT COMPOUND PLAN VIEW NATOMAS AIR PARK PARCELS 30 AND 32 SACRAMENTO, CA	PLATE 4
Drawn By: DCA Project No: 53689	Date: 06-29-05 Filename: C3R0		

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SOUTH WALL OF HANGAR
BUILDING—LOOKING NORTH
SCALE: NONE



PANEL A
SCALE: NONE

- NOTES:
- A. LEAVE EXISTING ELECTRICAL SERVICE
 - B. INSTALL NEW WEATHERHEAD AND GUTTER FOR SERVICE NO. 4
 - C. INSTALL NEW 400 AMP 3Ø METER FOR SERVICE NO. 4
 - D. INSTALL 3" PVC CONDUIT IN GROUND TO SOUTHWEST CORNER OF HANGAR
 - E. INSTALL NEW 300 AMP 3Ø DISTRIBUTION PANEL AT SOUTHWEST CORNER OF HANGAR

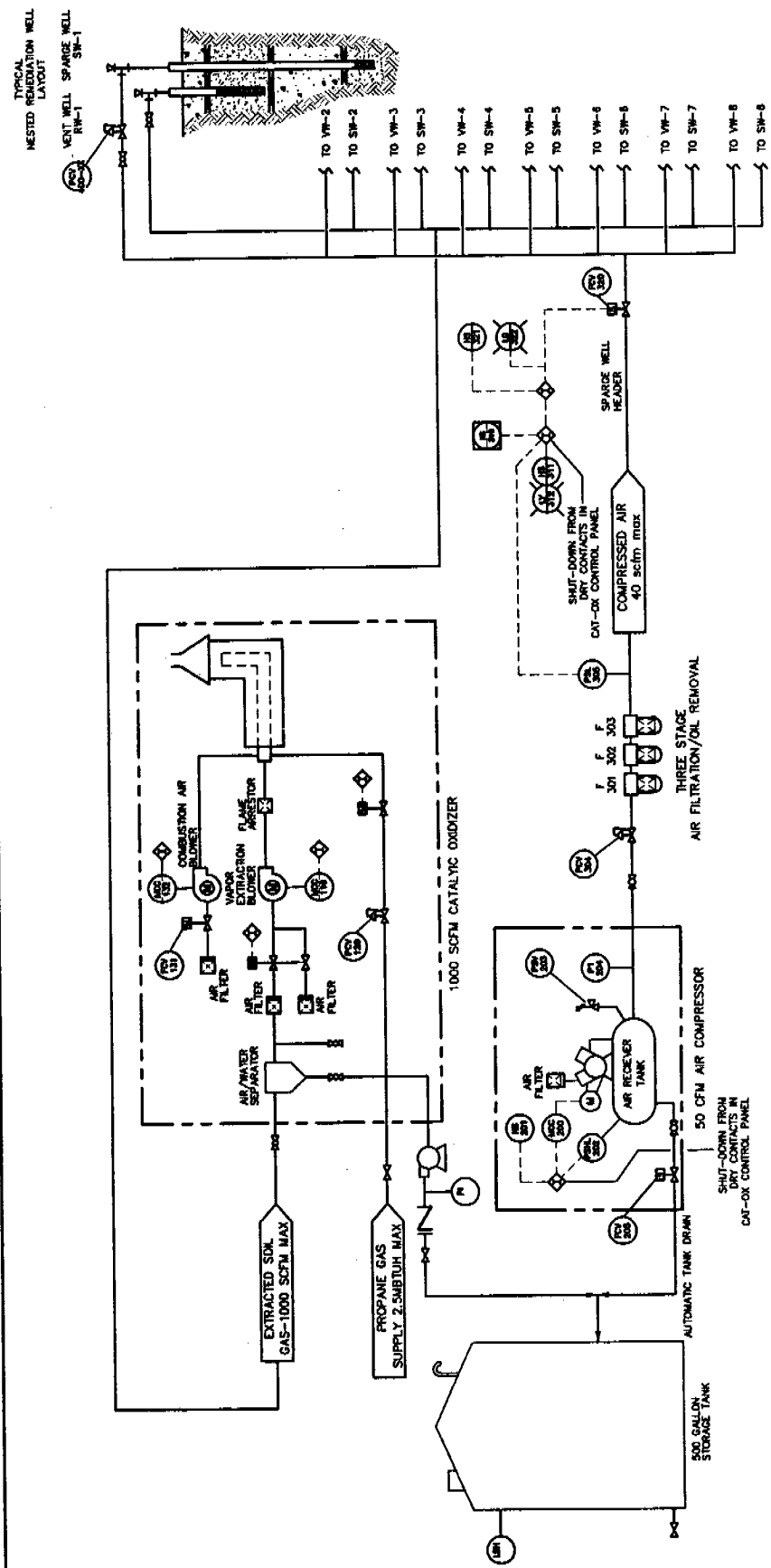
Verify with SMDP Commitment Letter
The approval of all Electrical work is subjected to field inspections
JHA 7-06-05

	ELECTRICAL UPGRADE DETAILS NATOMAS AIR PARK PARCELS 30 AND 32 SACRAMENTO, CALIFORNIA	PLATE E1
	Drawn By: DCA Project No.: 53889-2	Date: 06-28-05 File name: E01R0

TESTENS ELECTRIC INC
LIC. 702478

CITY COPY

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	PROCESS AND INSTRUMENTATION DIAGRAM	
	SVE/AIR SPARGING SYSTEM NATOMAS AIR PARK PARCEL 30 & 32 SITE SACRAMENTO, CALIFORNIA	
Drawn By: DCA Project No.: 53869-2	Date: 06/01/05 Filename: M01R0.DWG	M-1

FIRST LETTER		MODIFIER		SUCCEEDING LETTERS		MODIFIER
MEASURED OR INITIATING VARIABLE	FUNCTION	ALARM	READ-OUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	CONTROL	
A ANALYSIS						
B BURNER, COMBUSTION						
C CONDUCTIVITY						
D DENSITY						
E VOLTAGE						
F FLOW RATE						
G GATE						
H HAND						
I CURRENT (ELECTRICAL)						
J POWER						
K TIME, TIME SCHEDULE						
L LEVEL						
M MOISTURE						
N TORQUE						
O ORPAC, RESTRICTION						
P PRESSURE, VACUUM						
Q QUANTITY						
R RADIATION						
S SPEED, FREQUENCY						
T TEMPERATURE						
U MULTIVARIABLE						
V VIBRATION, MECH. ANALYSIS						
W WEIGHT, FORCE						
X AXES						
Y EVENT, STATE OR PRESENCE						
Z POSITION DIMENSION						

GENERAL INSTRUMENT OR FUNCTION SYMBOLS		FIELD MOUNTED		PRIMARY NORMALLY ACCESSIBLE TO OPERATOR		SECONDARY NORMALLY ACCESSIBLE TO OPERATOR	
DISCRETE INSTRUMENTS							
SHARED DISPLAY, SHARED CONTROL							
COMPUTER FUNCTION							
PROGRAMMABLE LOGIC CONTROL							
MISC. SYMBOL							

INSTRUMENT LINE SYMBOLS

INSTRUMENT OR CONNECTION TO PROCESS (1)
 PNEUMATIC SYMBOL (2)
 ELECTRIC SYMBOL
 INTERNAL SYSTEM LINK (SOFTWARE OR DATA LINK)

(1) THE FOLLOWING ABBREVIATIONS ARE USED TO DENOTE THE TYPES OF FLUID SUPPLY. THEY MAY ALSO BE USED AS A PURGE FLUID SUPPLY.

AS - AIR SUPPLY
 PA - PLANT AIR
 ES - ELECTRIC SUPPLY
 GS - GAS SUPPLY
 HS - HYDRAULIC SUPPLY
 WS - WASTE WATER
 NS - NITROGEN SUPPLY
 SS - SOL. SOL. SUPPLY
 WS - WATER SUPPLY

(2) THE PNEUMATIC SIGNAL SYMBOLS APPLIES TO A SIGNAL, NOT A SUPPLY SOURCE.

TAG NUMBERS

TC-1 - INSTRUMENT IDENTIFICATION OR TAG NUMBER
 TC - FUNCTIONAL IDENTIFICATION
 T - FIRST LETTER
 IC - SUCCEEDING LETTER(S)
 I - LOOP NUMBER

ABBREVIATIONS	
NO - NORMAL OPEN	
NC - NORMAL CLOSED	
NC - SAMPLE CONNECTION	
FD - FAILED OPEN	

PIPING LINE DESIGNATION	
10" - LINE SIZE	PVC - MATERIAL
SG - GALVANIZED CARBON STEEL	
CS - CARBON STEEL	
CCS - GALVANIZED CARBON STEEL	
PVC - POLYVINYL CHLORIDE	

ELECTRICAL SYMBOLS	
DISCONNECT	
3 POSITION	
RELAYS	
COILS	
CONTROL CIRCUIT TRANSFORMER	
SELECTOR	
PLUG VALVE	
3-WAY VALVE	
ANGLE VALVE	
PAID LOCK OPEN	
NEEDLE VALVE	
CONC. REDUCER	
Y-TYPE STRAINER	
HOSE CONNECTION	

MECHANICAL EQUIPMENT SYMBOLS	
EXPANSION JOINT	
CONTROL VALVE	
PRESSURE RELIEF OR SAFETY VALVE	
VACUUM RELIEF VALVE	
SOLENOID VALVE	
POSITIVE DISPLACEMENT PUMP	
ELECTRIC MOTOR	
PACKAGED SYSTEM	
REPRICATING COMPRESSOR	
PLUG VALVE	
3-WAY VALVE	
ANGLE VALVE	
PAID LOCK OPEN	
NEEDLE VALVE	
CONC. REDUCER	
Y-TYPE STRAINER	
HOSE CONNECTION	
GATE VALVE	
CHECK VALVE	
BALL VALVE	
BUTTERFLY VALVE	
HAND CONTROL VALVE	
SOLENOID VALVE	
ANGLE VALVE	
PAID LOCK OPEN	
NEEDLE VALVE	
CONC. REDUCER	
Y-TYPE STRAINER	
HOSE CONNECTION	

PROCESS SYMBOL LEGEND

SVEAIR SPARGING SYSTEM
 NATOMAS AIR PARK PARCEL 30 & 32
 SACRAMENTO, CALIFORNIA

Project No.: 53889-2
 Date: 05/25/05
 Filename: M02R0.DWG

KLEINFELDER

Drawn By: DCA
 Project No.: 53889-2